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List of Publications by Year
in descending order

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62 papers	4,890 citations	147801 31 h-index	118850 62 g-index
66 all docs	66 docs citations	66 times ranked	6590 citing authors

#	Article	IF	Citations
1	Attributable deaths and disability-adjusted life-years caused by infections with antibiotic-resistant bacteria in the EU and the European Economic Area in 2015: a population-level modelling analysis. Lancet Infectious Diseases, The, 2019, 19, 56-66.	9.1	1,908
2	Extended-spectrum Î²-lactamase producing Escherichia coli: changing epidemiology and clinical impact. Current Opinion in Infectious Diseases, 2010, 23, 320-326.	3.1	240
3	Spread of Escherichia coli Strains with High-Level Cefotaxime and Ceftazidime Resistance between the Community, Long-Term Care Facilities, and Hospital Institutions. Journal of Clinical Microbiology, 2006, 44, 2359-2366.	3.9	171
4	Extended-spectrum Î²-lactamase-producing Escherichia coli in Spain belong to a large variety of multilocus sequence typing types, including ST10 complex/A, ST23 complex/A and ST131/B2. International Journal of Antimicrobial Agents, 2009, 34, 173-176.	2.5	164
5	Prospective Multicenter Study of Carbapenemase-Producing Enterobacteriaceae from 83 Hospitals in Spain Reveals High In Vitro Susceptibility to Colistin and Meropenem. Antimicrobial Agents and Chemotherapy, 2015, 59, 3406-3412.	3.2	130
6	Ampicillin-Resistant Non-Î²-Lactamase-Producing Haemophilus influenzae in Spain: Recent Emergence of Clonal Isolates with Increased Resistance to Cefotaxime and Cefixime. Antimicrobial Agents and Chemotherapy, 2007, 51, 2564-2573.	3.2	114
7	Emergence of OXA-48-producing Klebsiella pneumoniae and the novel carbapenemases OXA-244 and OXA-245 in Spain. Journal of Antimicrobial Chemotherapy, 2013, 68, 317-321.	3.0	114
8	Analysis of Invasive Haemophilus influenzae Infections after Extensive Vaccination against H. influenzae Type b. Journal of Clinical Microbiology, 2004, 42, 524-529.	3.9	113
9	Carbapenemase-Producing Enterobacteriaceae in Spain in 2012. Antimicrobial Agents and Chemotherapy, 2013, 57, 6344-6347.	3.2	98
10	Integrated chromosomal and plasmid sequence analyses reveal diverse modes of carbapenemase gene spread among Klebsiella pneumoniae. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 25043-25054.	7.1	97
11	Emergence of imipenem resistance in clinical Escherichia coli during therapy. International Journal of Antimicrobial Agents, 2008, 32, 534-537.	2.5	95
12	Dynamics of Long-Term Colonization of Respiratory Tract by Haemophilus influenzae in Cystic Fibrosis Patients Shows a Marked Increase in Hypermutable Strains. Journal of Clinical Microbiology, 2004, 42, 1450-1459.	3.9	91
13	Emergence of CTX-M-15-producing Klebsiella pneumoniae of multilocus sequence types 1, 11, 14, 17, 20, 35 and 36 as pathogens and colonizers in newborns and adults. Journal of Antimicrobial Chemotherapy, 2009, 64, 524-528.	3.0	85
14	The spread of KPC-producing Enterobacteriaceae in Spain: WGS analysis of the emerging high-risk clones ofKlebsiella pneumoniaeST11/KPC-2, ST101/KPC-2 and ST512/KPC-3. Journal of Antimicrobial Chemotherapy, 2016, 71, 3392-3399.	3.0	85
15	CTX-M-15-producing urinary Escherichia coli O25b-ST131-phylogroup B2 has acquired resistance to fosfomycin. Journal of Antimicrobial Chemotherapy, 2009, 64, 712-717.	3.0	79
16	Methicillin-Resistant Staphylococcus aureus in Spain: Molecular Epidemiology and Utility of Different Typing Methods. Journal of Clinical Microbiology, 2009, 47, 1620-1627.	3.9	76
17	Characterization of plasmids encoding blaESBL and surrounding genes in Spanish clinical isolates of Escherichia coli and Klebsiella pneumoniae. Journal of Antimicrobial Chemotherapy, 2008, 63, 60-66.	3.0	66
18	Emergence of NDM-producing Klebsiella pneumoniae and Escherichia coli in Spain: phylogeny, resistome, virulence and plasmids encoding blaNDM-like genes as determined by WGS. Journal of Antimicrobial Chemotherapy, 2019, 74, 3489-3496.	3.0	60

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19	Spread of invasive Spanish Staphylococcus aureus spa-type t067 associated with a high prevalence of the aminoglycoside-modifying enzyme gene ant(4')-Ia and the efflux pump genes msrA/msrB. Journal of Antimicrobial Chemotherapy, 2008, 63, 21-31.	3.0	59
20	Breakpoints for Predicting Pseudomonas aeruginosa Susceptibility to Inhaled Tobramycin in Cystic Fibrosis Patients: Use of High-Range Etest Strips. Journal of Clinical Microbiology, 2005, 43, 4480-4485.	3.9	50
21	Carbapenemase-producingEscherichia coliis becoming more prevalent in Spain mainly because of the polyclonal dissemination of OXA-48. Journal of Antimicrobial Chemotherapy, 2016, 71, 2131-2138.	3.0	50
22	Interhospital spread of NDM-7-producing Klebsiella pneumoniae belonging to ST437 in Spain. International Journal of Antimicrobial Agents, 2015, 46, 169-173.	2.5	48
23	Evolution of carbapenemase-producing Enterobacteriaceae at the global and national level: What should be expected in the future?. Enfermedades Infecciosas Y MicrobiologÃa ClÃnica, 2014, 32, 17-23.	0.5	43
24	Antibiotic Resistance in Haemophilus influenzae Decreased, except for Î²-Lactamase-Negative Amoxicillin-Resistant Isolates, in Parallel with Community Antibiotic Consumption in Spain from 1997 to 2007. Antimicrobial Agents and Chemotherapy, 2008, 52, 2760-2766.	3.2	42
25	Infections Due toHaemophilus influenzaeSerotype E: Microbiological, Clinical, and Epidemiological Features. Clinical Infectious Diseases, 2003, 37, 841-845.	5.8	40
26	AmpC Î²-lactamases in Escherichia coli: emergence of CMY-2â€“producing virulent phylogroup D isolates belonging mainly to STs 57, 115, 354, 393, and 420, and phylogroup B2 isolates belonging to the international clone O25bâ€“ST131. Diagnostic Microbiology and Infectious Disease, 2010, 67, 270-276.	1.8	40
27	Increased Amoxicillinâ€“Clavulanic Acid Resistance inEscherichia coliBlood Isolates, Spain. Emerging Infectious Diseases, 2008, 14, 1259-1262.	4.3	36
28	Laboratory Detection of Haemophilus influenzae with Decreased Susceptibility to Nalidixic Acid, Ciprofloxacin, Levofloxacin, and Moxifloxacin Due to gyrA and parC Mutations. Journal of Clinical Microbiology, 2004, 42, 1185-1191.	3.9	35
29	Levofloxacin Treatment Failure inHaemophilus influenzaePneumonia. Emerging Infectious Diseases, 2003, 9, 1475-1479.	4.3	34
30	Phylogeny, resistome and mobile genetic elements of emergent OXA-48 and OXA-245Klebsiella pneumoniaeclones circulating in Spain. Journal of Antimicrobial Chemotherapy, 2016, 71, 887-896.	3.0	33
31	Interregional spread in Spain of linezolid-resistant Enterococcus spp. isolates carrying the optrA and poxtA genes. International Journal of Antimicrobial Agents, 2020, 55, 105977.	2.5	33
32	Carbapenem-resistant Citrobacter spp. isolated in Spain from 2013 to 2015 produced a variety of carbapenemases including VIM-1, OXA-48, KPC-2, NDM-1 and VIM-2. Journal of Antimicrobial Chemotherapy, 2017, 72, 3283-3287.	3.0	32
33	Antibiotic resistance and clinical significance of Haemophilus influenzae type f. Journal of Antimicrobial Chemotherapy, 2003, 52, 961-966.	3.0	31
34	Detection of the high-risk clone ST131 of Escherichia coli carrying the colistin resistance gene mcr-1 and causing acute peritonitis. International Journal of Antimicrobial Agents, 2017, 49, 115-116.	2.5	29
35	Carbapenemase-producing Pseudomonas aeruginosa in Spain: interregional dissemination of the high-risk clones ST175 and ST244 carrying blaVIM-2, blaVIM-1, blaIMP-8, blaVIM-20 and blaKPC-2. International Journal of Antimicrobial Agents, 2020, 56, 106026.	2.5	27
36	Fluoroquinolone Resistance in Haemophilus influenzae Is Associated with Hypermutability. Antimicrobial Agents and Chemotherapy, 2007, 51, 1566-1569.	3.2	26

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37	Frequent carriage of resistance mechanisms to Î²-lactams and biofilm formation in Haemophilus influenzae causing treatment failure and recurrent otitis media in young children. Journal of Antimicrobial Chemotherapy, 2014, 69, 2394-2399.	3.0	26
38	Isolates of Î²-lactamase-negative ampicillin-resistant Haemophilus influenzae causing invasive infections in Spain remain susceptible to cefotaxime and imipenem. Journal of Antimicrobial Chemotherapy, 2014, 69, 111-116.	3.0	26
39	The Carbapenemase-Producing Klebsiella pneumoniae Population Is Distinct and More Clonal than the Carbapenem-Susceptible Population. Antimicrobial Agents and Chemotherapy, 2017, 61, .	3.2	26
40	Characterization of Carbapenemase-Producing Klebsiella oxytoca in Spain, 2016â€“2017. Antimicrobial Agents and Chemotherapy, 2019, 63, .	3.2	26
41	Cross-border spread of blaNDM-1- and blaOXA-48-positive Klebsiella pneumoniae: a European collaborative analysis of whole genome sequencing and epidemiological data, 2014 to 2019. Eurosurveillance, 2020, 25, .	7.0	26
42	Low Î²-Lactamase-Negative Ampicillin-Resistant Haemophilus influenzae Strains Are Best Detected by Testing Amoxicillin Susceptibility by the Broth Microdilution Method. Antimicrobial Agents and Chemotherapy, 2008, 52, 2407-2414.	3.2	25
43	Molecular Epidemiology of Haemophilus influenzae Type b Causing Vaccine Failures in the United Kingdom. Journal of Clinical Microbiology, 2006, 44, 1645-1649.	3.9	23
44	Kpi, a chaperone-usher pili system associated with the worldwide-disseminated high-risk clone Klebsiella pneumoniae ST-15. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 17249-17259.	7.1	23
45	Carbapenemase-Producing Klebsiella pneumoniae From Transplanted Patients in Brazil: Phylogeny, Resistome, Virulome and Mobile Genetic Elements Harboring blaKPCâ€“2 or blaNDMâ€“1. Frontiers in Microbiology, 2020, 11, 1563.	3.5	22
46	CARB-ES-19 Multicenter Study of Carbapenemase-Producing Klebsiella pneumoniae and Escherichia coli From All Spanish Provinces Reveals Interregional Spread of High-Risk Clones Such as ST307/OXA-48 and ST512/KPC-3. Frontiers in Microbiology, 0, 13, .	3.5	20
47	Activities of 13 quinolones by three susceptibility testing methods against a collection of Haemophilus influenzae isolates with different levels of susceptibility to ciprofloxacin: evidence for cross-resistance. Journal of Antimicrobial Chemotherapy, 2003, 51, 147-151.	3.0	16
48	Molecular Epidemiology of Haemophilus influenzae Type b Isolated from Children with Clinical Cases of Conjugate Vaccine Failures. Journal of Clinical Microbiology, 2003, 41, 3915-3918.	3.9	13
49	In Vitro Activities of Garenoxacin (BMS-284756) against Haemophilus influenzae Isolates with Different Fluoroquinolone Susceptibilities. Antimicrobial Agents and Chemotherapy, 2003, 47, 3539-3541.	3.2	13
50	Population structure of OXA-48-producing Klebsiella pneumoniae ST405 isolates during a hospital outbreak characterised by genomic typing. Journal of Global Antimicrobial Resistance, 2018, 15, 48-54.	2.2	13
51	Clonal transmission of NDM-5-producing Escherichia coli belonging to high-risk sequence type ST405. International Journal of Antimicrobial Agents, 2018, 52, 123-124.	2.5	13
52	Molecular basis of rifampicin resistance in Haemophilus influenzae. Journal of Antimicrobial Chemotherapy, 2003, 52, 1011-1014.	3.0	11
53	RÃ¡pido aumento de la resistencia a cefalosporinas de 3 a generaciÃ³n, imipenem y de la corresistencia en 7.140 aislados de Klebsiella pneumoniae en hemocultivos (2010-2014) segÃºn datos de EARS-Net en EspaÃ±a. Enfermedades Infecciosas Y MicrobiologÃa ClÃnica, 2017, 35, 480-486.	0.5	11
54	Evaluation of Fourier Transform Infrared Spectroscopy as a First-Line Typing Tool for the Identification of Extended-Spectrum Î²-Lactamase-Producing Klebsiella pneumoniae Outbreaks in the Hospital Setting. Frontiers in Microbiology, 0, 13, .	3.5	11

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55	A genetic cluster of MDR Enterobacter cloacae complex ST78 harbouring a plasmid containing blaVIM-1 and mcr-9 in the Netherlands. JAC-Antimicrobial Resistance, 2021, 3, dlab046.	2.1	9
56	Simultaneous colonisation by ST340 Klebsiella pneumoniae producing NDM-5 and ST399 Escherichia coli producing NDM-7. International Journal of Antimicrobial Agents, 2016, 48, 464-466.	2.5	8
57	Characterization of OXA-48-producing Klebsiella oxytoca isolates from a hospital outbreak in Tunisia. Journal of Global Antimicrobial Resistance, 2021, 24, 306-310.	2.2	8
58	Rapid increase in resistance to third generation cephalosporins, imipenem and co-resistance in Klebsiella pneumoniae from isolated from 7,140 blood-cultures (2010â€“2014) using EARS-Net data in Spain. Enfermedades Infecciosas Y Microbiologia Clinica (English Ed), 2017, 35, 478-484.	0.3	6
59	Recommendations of the Spanish Antibiogram Committee (COESANT) for selecting antimicrobial agents and concentrations for in vitro susceptibility studies using automated systems. Enfermedades Infecciosas Y MicrobiologÃa ClÃnica, 2020, 38, 182-187.	0.5	6
60	Prevalence, detection and characterisation of fosfomycin-resistant Escherichia coli strains carrying fosA genes in Community of Madrid, Spain. Journal of Global Antimicrobial Resistance, 2021, 25, 137-141.	2.2	5
61	Emergence of blood infections caused by carbapenemase-producing Klebsiella pneumoniae ST307 in Spain. Journal of Antimicrobial Chemotherapy, 2020, 75, 3402-3405.	3.0	3
62	RedLabRA; a Spanish Network of Microbiology Laboratories for the Surveillance of Antibiotic Resistant Microorganisms. Revista Espanola De Quimioterapia, 2021, 34 Suppl 1, 12-14.	1.3	1